AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims:

1 - 9. (Cancelled)

10. (New) A nonaqueous electrolyte solution comprising the following components:

i) a lithium salt;

ii) an electrolyte compound;

iii) a first additive compound with an oxidation initiation potential of more than 4.2 V; and

iv) a second additive compound with an oxidation initiation voltage of more than 4.2 V, which is higher in oxidation initiation potential than the first additive, and deposits oxidative products or forms a polymer film, in oxidation.

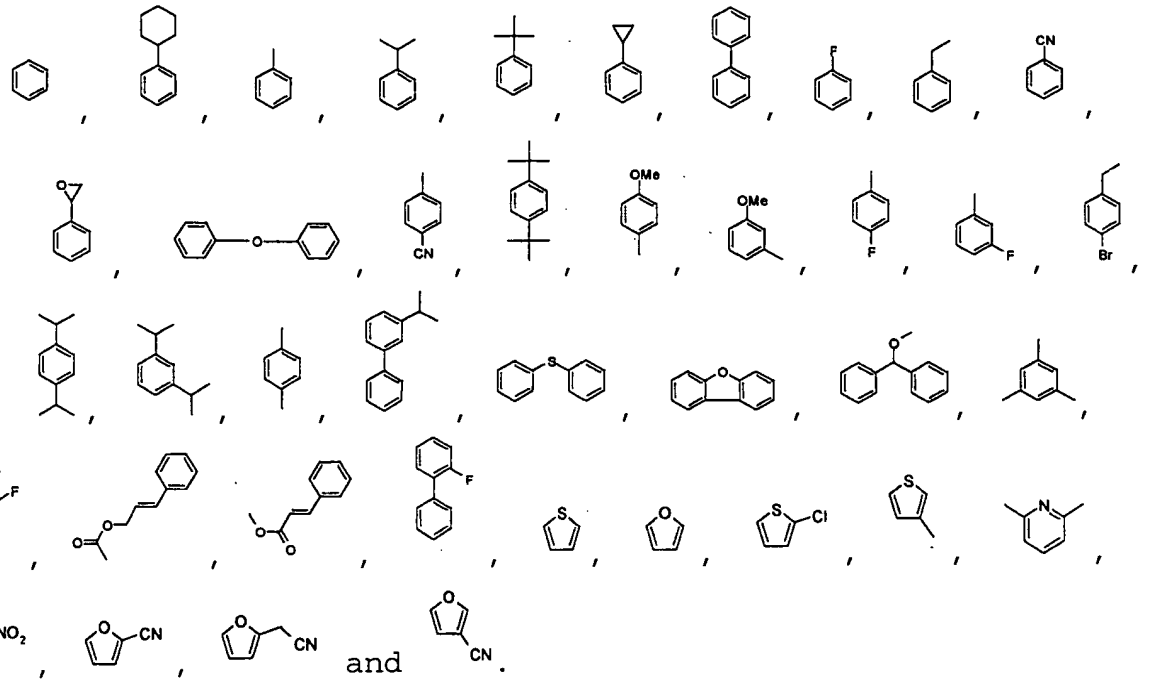
11. (New) The nonaqueous electrolyte of Claim 10, wherein the content of the first additive is 0.1-2% by weight, and the content of the second additive is 0.5-5% by weight.

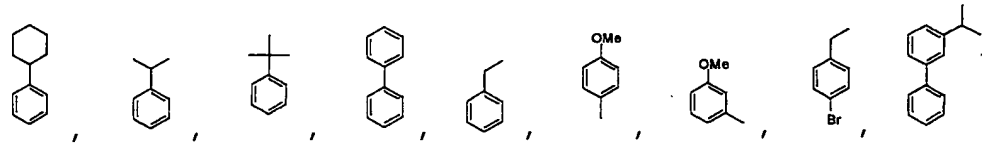
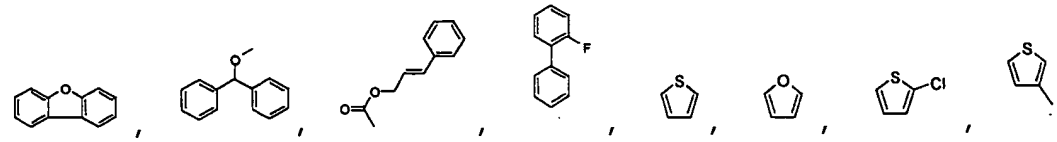
12. (New) The nonaqueous electrolyte solution of Claim 10, wherein the oxidation initiation potential of the additives iii) and iv) is 4.2-5.3V.

13. (New) The nonaqueous electrolyte solution of Claim 12, wherein the oxidation initiation potential of the additives iii) and iv) is 4.5-4.9V.

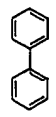
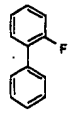
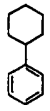
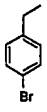
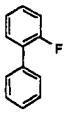
14. (New) The nonaqueous electrolyte solution of Claim 10, wherein the compounds of the additives iii) and iv) with an

oxidation initiation potential of more than 4.2V are aromatic compounds with an oxidation initiation potential of more than 4.2 V.

15. (New) The nonaqueous electrolyte solution of Claim 10, wherein the first additive is selected from the group consisting of  , , , , , , and .

16. (New) The nonaqueous electrolyte solution of Claim 10, wherein the second additive is selected from the group consisting of  ,  ,  , and .

17. (New) The nonaqueous electrolyte solution of Claim 10, wherein the first additive is selected from the group consisting

of  ,  ,  ,  ,  ,  and  , and the second additive is selected from the group consisting of  ,  ,  ,  ,  and  .

18. (New) A lithium secondary battery comprising the following components:

a) a cathode capable of absorbing and releasing lithium ions;

b) an anode capable of absorbing and releasing lithium ions;

c) a porous separator; and

d) a nonaqueous electrolyte solution according to Claim 1, wherein the nonaqueous electrolyte solution comprises the following components:

i) a lithium salt;

ii) an electrolyte compound;

iii) a first additive compound with an oxidation initiation potential of more than 4.2 V; and

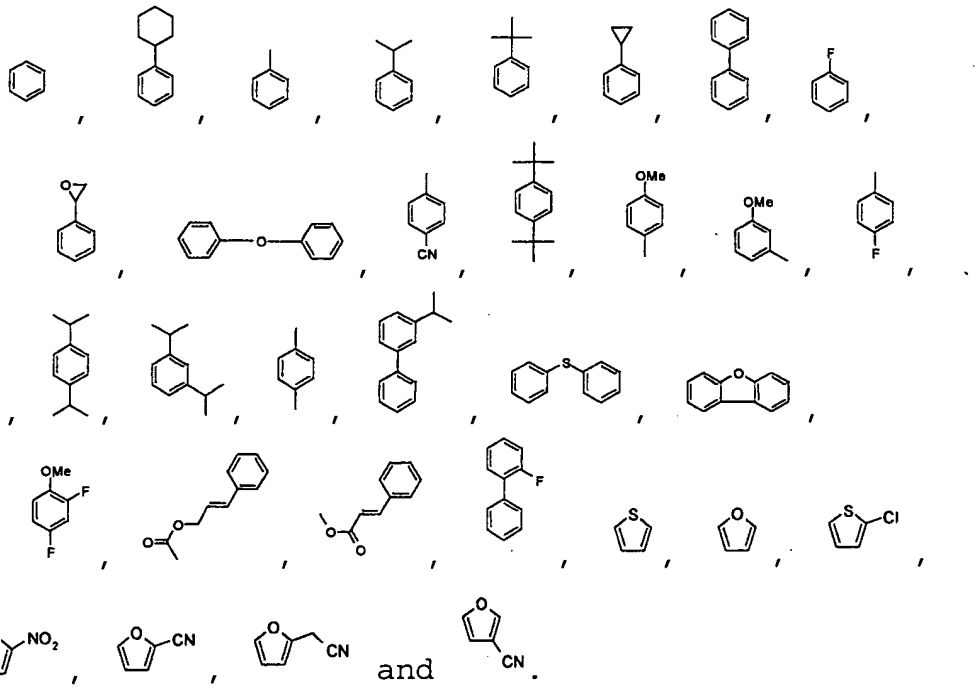
iv) a second additive compound with an oxidation initiation voltage of more than 4.2 V, which is higher in oxidation initiation potential than the first additive, and deposits oxidative products or forms a polymer film, in oxidation.

19. (New) The lithium secondary battery of Claim 18, wherein the content of the first additive compound is 0.1-2% by weight, and the content of the second additive compound is 0.5-5% by weight.

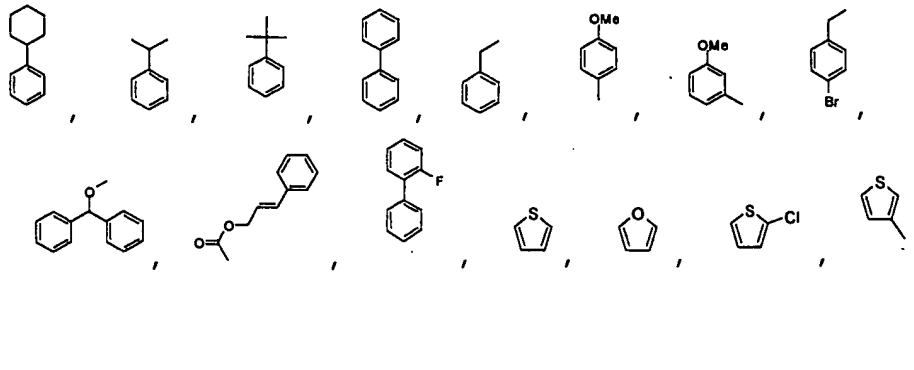
20. (New) The lithium secondary battery of Claim 18, wherein the oxidation initiation potential of the additives iii) and iv) is 4.2-5.3V.

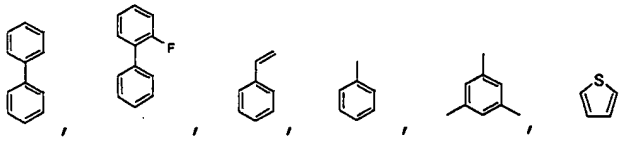
21. (New) The lithium secondary battery of Claim 20, wherein the oxidation initiation potential of the additives iii) and iv) is 4.5-4.9V.

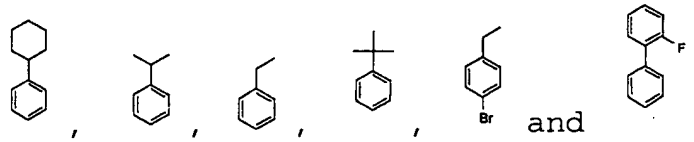
22. (New) The lithium secondary battery of Claim 18, wherein the compounds of the additives iii) and iv) with an oxidation initiation potential of more than 4.2V are aromatic compounds with an oxidation initiation potential of more than 4.2 V.

23. (New) The lithium secondary battery of Claim 18, wherein the first additive compound is selected from the group consisting of  .

24. (New) The lithium secondary battery of Claim 18, wherein the second additive compound is selected from the group

consisting of 

25. (New) The lithium secondary battery of Claim 18, wherein the first additive compound is selected from the group consisting of 

and , and the second additive compound is selected from the group consisting of 

and .